



General Information

Kit Part Number:	2110837-1
Description:	Panel Mount Plug, Receptacle and Double Lock Plate Connector Kit
Application:	Air Conditioning, Copy Machines, Gas Equipment, Refrigerators, Vending, Washing Machines
Family:	Power Double Lock
TE Brand:	AMP Products
Solution:	Power Connectors
Product Type:	Wire-to-Wire Connectors
Number of Pieces:	142
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 4, 6
Color:	Natural
Crimp Terminal:	Male, Female
Current Rating:	14A
Flammability Rating:	UL94V-0
Mounting Style:	Panel Mount
Orientation:	Receptacle, Plugs
Pitch:	3.96mm (.156")
Rows:	Single Row, Double Row
Tool Included:	No
Voltage Rating:	300V
Wire Gauge (AWG):	20-16

Product Highlights

These connectors can be used alone by inserting wire-terminated crimp snap-in contacts into the housing. However, to achieve more positive contact mounting, plug and cap housings can be equipped with a double-lock plate that helps to completely insert contacts.

Features and Benefits

- Power circuit connectors of compact design
- Uses double lock plate on the wire side that helps prevent partial mating of contacts
- Double lock plate compatible with high-count positions of more than 3 rows
- Tab and receptacle contacts resist scooping of contacts at mating/unmating
- Locking of plug to cap housings and plug to board mounted headers made by the semi-inner locking system that helps preclude the possibility of disengagement by external pressure
- Both wire-to-wire and wire-to-board applications available from the same Series lineup
- Board-mounted header compatible with resin coating, causing no hindrance with the plug locking function
- Design complies with a range of safety standards
- The housing lance design provides no lance on contacts and helps prevent entanglement of contacts with one another
- Fully polarized

Applications

- Refrigerators
- Air Conditioners



- Washing Machines
- Gas Equipment
- Copying Machines
- Automatic Vending Machines



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
177899-1	3	3.96mm Power Double Lock Plug Natural Color 3 Circuits	Datasheet	Details	Search
177901-1	1	3.96mm Power Double Lock Plug Natural Color 6 Circuits, Dual...	Datasheet	Details	Search
177898-1	3	3.96mm Power Double Lock Plug Natural Color 2 Circuits	Datasheet	Details	Search
177900-1	2	3.96mm Power Double Lock Plug Natural Color 4 Circuits, Dual...	Datasheet	Details	Search
177906-1	3	3.96mm Power Double Lock Receptacle Natural Color 2 Circuits	Datasheet	Details	Search
177907-1	3	3.96mm Power Double Lock Receptacle Natural Color 3 Circuits	Datasheet	Details	Search
177908-1	2	3.96mm Power Double Lock Receptacle Natural Color 4 Circuits...	Datasheet	Details	Search
177909-1	1	3.96mm Power Double Lock Receptacle Natural Color 6 Circuits...	Datasheet	Details	Search
177918-1	14	Double Lock Plate for Connectors of Multiples of 2 Circuits	Datasheet	Details	Search
177919-1	10	Double Lock Plate for Connectors of Multiples of 3 Circuits	Datasheet	Details	Search
179595-1	50	Power Double Lock Male Terminal 20-16 AWG	Datasheet	Details	Search
179593-1	50	Power Double Lock Female Terminal 20-16 AWG	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91569-1	No







Wire-to-Wire Category

TE
connectivity
Authorized
Distributor

Kit Part No. **2110837-1**

AMP Power Double Lock Connector Kit

Panel Mount Plug and Receptacle
with Extraction Tool

- 3.96mm Pitch
- 2, 3, 4 and 6 Circuits
- Male and Female Crimp Terminals: 20-16 AWG
- 14 Amps (Max.), 300 Volts
- Flammability Rating: UL 94V-0

Additional kits available at www.peductkits.com

AMP, TE Connectivity, TE Connectivity logo and TE logo are trademarks of the TE Connectivity Ltd. family of companies.
WARNING: Failure to follow all instructions in Application Specifications (AS-SPS) (available at www.te-connectivity.com) including using only approved TE crimping tools and crimping techniques can result in improper installation and/or assembly which is hazardous and may cause or contribute to electrical fires. Please be sure only to install with proper training and experience.

142
pieces



Product from TE Connectivity
Kit designed and assembled by
Waldom Electronics.